

# Work Order ID 88729

**\*88729\***

Page 1

Tuesday, July 31, 2012 3:02:55 PM

Item ID: D350-604-041

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Rear Locker Extender

Start Date: 7/31/2012 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 8/31/2012 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: 1 Date: 120731 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2273	F
D350-604-041	B

100 0.00

**\*100\***

DOCUMENT CONTROL

DC

Memo 0.00

Document Control

Photocopy bluefile and create labels per PPP D350-604-041

CHG003 for D2273 rev.E (new gelcoat)

CHG004 for D2273 rev.F (new primer)

110 0.00

**\*110\***

PURCHASING

Purchasing

Memo 0.00

Purchasing

Issue P/O: 17583

Description: D350-604-041 Rear locker extender.

Supplier: Delastek.

Certification of Conformity and process sheet from Delastek is required.

4 x 2600-6 Camlock stud - Ship to Delastek B 122335  
4 x 2600-LW Retaining washers - Ship to Delastek B 121524

~~SCRAP~~

120731

7/31

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>					
<b>Root Cause</b>	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
<b>Landing Gear</b>			<b>General</b>						
<input type="checkbox"/>	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced
<input type="checkbox"/>	Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure
<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld
<input type="checkbox"/>	Crushed/Crimped	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled
<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>	Other
<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong		
<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge		
<input type="checkbox"/>	Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset				
<input type="checkbox"/>	Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration				
<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence				
<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions				

**Work Order ID 88729****\*88729\***

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Tuesday, July 31, 2012 3:02:55 PM

Item ID: D350-604-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Rear Locker Extender

Start Date: 7/31/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 8/31/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Receive & Inspect for Damage & Mat'l Certs	0.00							
<b>*120*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Ensure a copy of Certification of Conformity and process sheet from Delastek is attached.								
130	QC5- Inspect part completeness to step on W/O	0.00							
<b>*130*</b>									
QC	Memo	0.00							
Quality Control	Check hole locations to template. DT 8824 Check process sheet and audit								
140		0.00							
<b>*140*</b>									
Small Fab	Memo	0.00							
Small Fab	INSTALL DECALS AS PER DWG								

62/49 (1)  
PB →

NCR: ☒ Yes / ☐ No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____	<b>DISPOSITION</b> Rework <input type="checkbox"/> Scrap <input checked="" type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>			
Part No. _____		Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>
NCR No. _____		Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>
		Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>
		Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input checked="" type="checkbox"/>	

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									
	12/06/07	# 130	71	Found at inspection that the Rear Locker is very rough on outside + crack in the Rivets R.C. Supplies	DAS 16 9-89 AS7042 12/06/09	Unstable Finish on Rear Locker Send Back to Supplier for Scrap (see attach picture + Email) (Email: DAS@RMOC1)		DAS 16 9-89 12/08/08	DAS 16 9-89 AS7042 12/08/09

## FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input checked="" type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input checked="" type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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**Work Order ID 88729****\*88729\***

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Tuesday, July 31, 2012 3:02:55 PM

Item ID: D350-604-041

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Rear Locker Extender

Start Date: 7/31/2012 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 8/31/2012 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC5- Inspect part completeness to step on W/O	0.00							
<b>*150*</b>									
QC	Memo	0.00							
Quality Control									
160		0.00							
<b>*160*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-604-041								
	Location: _____								
	PPP Rev: _____								
170	QC21- Final Inspection - Work Order Release	0.00							
<b>*170*</b>									
QC	Memo	0.00							
Quality Control									

CL12108/30

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>					
<b>Root Cause</b>	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other

# Picklist Print

Tuesday, July 31, 2012 3:02:59 PM

Page 1

Work Order ID: 88729

**\*88729\***

Parent Item: D350-604-041

**\*D350-604-041\***

Parent Item Name: Rear Locker Extender

Start Date: 7/31/2012

Required Date: 8/31/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:Q03.12.01ReformatKJ/RF IPP REV:R  
12.02.07 AS PER ECN12-521 DD verf:JLM IPP REV:S 12.04.04  
AS PER DWG REV.B DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D2269		Manufactured	No				Each	36.0000		1			
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**\*D2269\***

Decal

**\*\***

Location

Loc Qty

Loc Code

ST007

32

80011

20

86944

12

ST009

4

78920

4

2600-6

Purchased

No

110

Each

391.0000

4

4

**\*2600-6\***

Camlock Stud

**\*\***

Location

Loc Qty

Loc Code

ST380

391

120077

8

121556

4

122317

34

122335

145

122441

200

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

**FAULT CATEGORY**

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other



# Picklist Print

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Tuesday, July 31, 2012 3:02:59 PM

Work Order ID: 88729

**\*88729\***

Parent Item: D350-604-041

**\*D350-604-041\***

Parent Item Name: Rear Locker Extender

Start Date: 7/31/2012

Required Date: 8/31/2012

Start Qty: 1.00

Required Qty: 1.00

2600-LW

Purchased

No

110

Each

515.0000

4

4

**\*2600-LW\***

Camloc Retaining Washer

\*\*

Location

Loc Qty

Loc Code

380

200

122452

200

ST380

312

121524

112

122317

200

ST381

1

121287

1

ST398

2

120648

2

D350-604-041P

Purchased

No

110

Each

3.0000


1

1

**\*D350-604-041P\***

Rear Locker Extender

\*\*

88729 

Location

Loc Qty

Loc Code

CA

3

87193

1

87194

1

87196

1

D2268

Manufactured

No

140

Each

41.0000

1

1

**\*D2268\***

Decal

\*\*

Location

Loc Qty

Loc Code

ST007

20

80010

20

ST009

21

69592

2

78908

7

86752

12

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Shop Packet Print

Page 2

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  <div style="display: flex; justify-content: space-between;"> <div>             Rework <input type="checkbox"/>              Scrap <input type="checkbox"/>              Use-as-is <input type="checkbox"/>              Work Order Update <input type="checkbox"/> </div> </div>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/>              Machining <input type="checkbox"/>              Thermoforming <input type="checkbox"/>              Large Fab <input type="checkbox"/> </div> <div>             Crosstube <input type="checkbox"/>              Small Fab <input type="checkbox"/>              Finishing <input type="checkbox"/>              Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/>              Prod. Eng. Coord. <input type="checkbox"/>              Rec/Store/Packaging <input type="checkbox"/>              Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/>              Quality <input type="checkbox"/>              Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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# Solve Composites

## Packing List

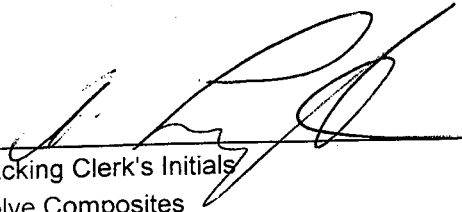
**Bill** Dart Aerospace  
To: 1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada

**Ship** Dart Aerospace  
To: 1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada

Shipment No: 13413  
Shipment Date: 08/07/12  
Ship Via: Fedex Freight  
Order Number: 11941  
Order Date: 07/31/12

Customer Code: DART  
Phone: (613) 632-9577  
PO Number: 17583  
Terms: Net 30 Days

<u>Item</u>	<u>Quantity</u>				<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>				
1	10	2	8		EA	D350-604-041P D350-604-041P Rear Locker Extender	F	11941-01

  
Packing Clerk's Initials  
Solve Composites

Received In Good Order By  
Dart Aerospace



## Certificate of Conformance

**Solve Composites**

**29 Distribution Way**

**Plattsburgh, New York, 12901**

**USA**

**Dart Aerospace Order Number: 17583**

**Part Number: D2273**

**Quantity: 1**

**Drawing Number: D2273, DT8020**

**Serial Number (s): 0007**

**Date: August 7, 2012**

**Non-Conformances: None**

This is to certify that the parts identified above conform to all applicable drawings and/or specifications as evidenced by reports on file, and that all other purchase order and quality requirements have been met.

<b><i>Solve Composites</i></b>		29 Distribution Way, Suite 101 Plattsburgh, NY 12901 Tel: (518) 324-3838 Fax: (518) 324-5530		<b>Isometric View</b>
Date		Project	NovaBus	
Resin Batch #		Job	DART	
Gel-Coat Batch #				
NOVA Drg No.	D2273 Rev. F	Serial #	0007	
Panel Ref.	<b>350 REAR LOCKER EXTENDER</b>			

## Eric Downing

---

**From:** Chantal Lavoie <clavoie@dartaero.com>  
**Sent:** Friday, August 10, 2012 8:07 AM  
**To:** 'Isam El-Kassis'; 'Melanie Fauteux'; 'Eric Downing'  
**Subject:** RE: New Revised schedule for rear lockers

Hi Isam,  
Rear locker will ship today fed ex tracking # 9018 2264 1026.  
Thanks  
Chantal

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]  
**Sent:** August 9, 2012 5:51 PM  
**To:** Melanie Fauteux; Eric Downing; Chantal Lavoie  
**Subject:** Fwd: New Revised schedule for rear lockers

Hi Chantal  
Please use this RMA for shipping the non confirming rear locker back to Solve (DARTRM 001)  
Thank you

Sent from my iPhone Isam El-Kassis

Begin forwarded message:

**From:** "Alisa Langille" <[alangille@aol.com](mailto:alangille@aol.com)>  
**Date:** 9 August, 2012 17:33:55 EDT  
**To:** "'Isam El-Kassis'" <[ielkassis@dartaero.com](mailto:ielkassis@dartaero.com)>  
**Subject:** ~~RE: New Revised schedule for rear lockers~~

Isam  
It was my understanding Jerry Reyell sent that yesterday. If not then use DARTRM001.

Regards  
Alisa

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]  
**Sent:** Thursday, August 09, 2012 4:07 PM  
**To:** 'Alisa Langille'  
**Subject:** RE: New Revised schedule for rear lockers

Up to now you are doing gooooooooood,

I need RMA for the bad locker,

Thanks,

Isam

---

**From:** Alisa Langille [<mailto:alangille@solvecomposites.com>]  
**Sent:** Thursday, August 09, 2012 4:04 PM

**To:** 'Isam El-Kassis'

**Subject:** RE: New Revised schedule for rear lockers

Isam

Currently including today we have shipped 11. 1 to be returned to us for repair. Please keep in mind I can only make 2 per day and my raw materials are limited.

Regards

Alisa

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]

**Sent:** Thursday, August 09, 2012 3:46 PM

**To:** Alisa Langille

**Subject:** New Revised schedule for rear lockers

**Importance:** High

Hi Alisa,

See below for the revised schedule for the rear lockers and the dates required in ( date/Qty.):

8-Aug	3
9-Aug	3
10-Aug	3
13-Aug	3
14-Aug	3
15-Aug	3
16-Aug	2
17-Aug	0
20-Aug	0
21-Aug	0
22-Aug	0
23-Aug	0
24-Aug	2
27-Aug	0
28-Aug	0
29-Aug	0
30-Aug	0
31-Aug	3
total PO's	25

Thank you for your help,

CRACKS IN  
PRIMER



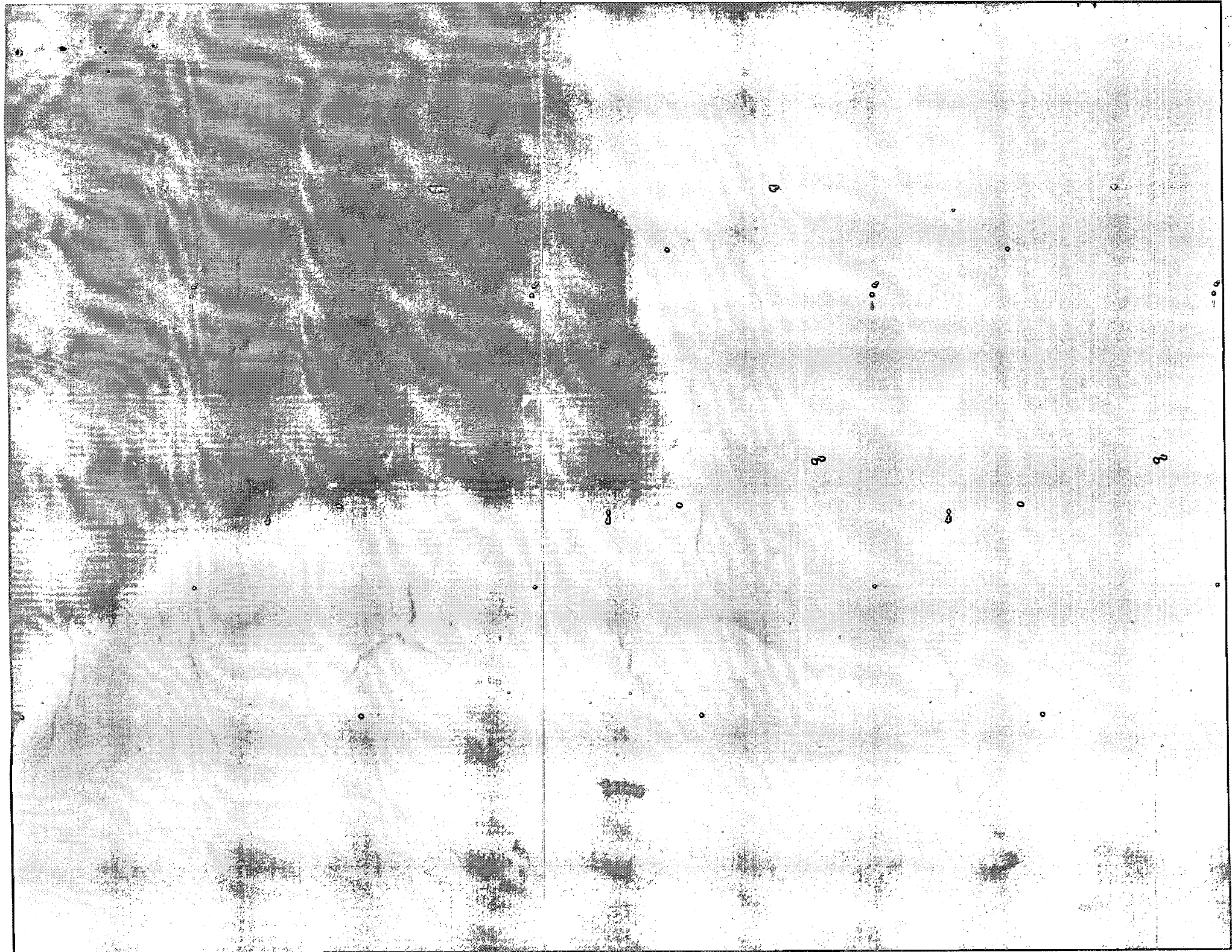


VERY ROUGH



VERY ROUGH





## Chantal Lavoie

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**From:** Jerry Reyell <JReyell@solvecomposites.com>  
**Sent:** August 14, 2012 7:13 AM  
**To:** 'Isam El-Kassis'  
**Cc:** 'Chantal Lavoie'; 'Melanie Fauteux '; 'Eric Downing'  
**Subject:** RE: shipment # 13422

Return using RMA 821.

Jerry Reyell  
Project Manager  
Solve Composites  
29 Distribution way  
Suite 101  
Plattsburgh, NY 12901  
518-324-3838  
Extension 105

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]  
**Sent:** Monday, August 13, 2012 3:46 PM  
**To:** 'Jerry Reyell'  
**Cc:** Chantal Lavoie; 'Melanie Fauteux '; 'Eric Downing'  
**Subject:** RE: shipment # 13422  
**Importance:** High

Hi Jerry,

Please provide me with RMA for returning the three received today Rear lockers, three of them 'been rejected.(lockers # 0011, 012 & 013), we fixed 0010 ourselves. Also try to find a sticker that goes on for part control.

Please have more control over the shipped parts to us, it is not practical for both of us to keep on returning the parts to you if they do not conform to our drawing or as per spec.

Thank you,

Isam

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]  
**Sent:** Monday, August 13, 2012 1:51 PM  
**To:** 'Jerry Reyell' (JReyell@solvecomposites.com)  
**Subject:** FW: shipment # 13422  
**Importance:** High

Hi Jerry,

FYI,

I've sent Alisa this email, but she is on vacation I believe, could you please take care of this issue for me,

Also, just received a note from our Qc, the other two lockers we received they have a very thin Gelcoat, the drawing we sent you specify the thickness of the gelcoat, please do not reduce the amount of gelcoat now we have three questioned lockers, one is to be returned for sure and the other two we will be cleaning them if this did not work then .. we will return the three at the same time.

Thank you

Isam

---

**From:** Isam El-Kassis [<mailto:ielkassis@dartaero.com>]  
**Sent:** Monday, August 13, 2012 12:59 PM  
**To:** Alisa Langille ([alangille@solvecomposites.com](mailto:alangille@solvecomposites.com))  
**Cc:** Alisa Langille ([alangille@aol.com](mailto:alangille@aol.com))  
**Subject:** shipment # 13422  
**Importance:** High

Hi Alisa,

We received the three rear lockers now, unfortunately the repaired one from RMA 820 is not good, it shows clearly that there is a kind of hole in it, it has to be camouflaged completely therefore, we will not accept it as is right now, we need to return it, please provide RMA for this part (old RMA # 820)

*Regards,*

***Isam El-Kassis***  
Director of Operations



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T(613)-632-5200 ext. 231  
C(514) 463-7574  
F(613) 632-1053  
[ielkassis@dartaero.com](mailto:ielkassis@dartaero.com)



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Solve Composites  
29 Distribution Way Suite 101  
Plattsburgh NY 12091 USA  
Tel: 518-324-3838  
Fax: 518-324-5531

RECEIVED AUG 28 2012

### Credit Memo

Sold Dart Aerospace  
To: 1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada

Ship Dart Aerospace  
To: 1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada

Invoice Number:	CN 00001	Salesman:	UNKNOWN....
Invoice Date:	08/14/12	Terms:	Net 30 Days
Customer:	DART	PO Number:	17583

RMA# 821

am	Quantity	Description	Revision	Unit Price	Amount
1	3	D350-604-041P - D350-604-041P Rear Locker Extender	F	-\$315.0300 / EA	-\$945.09

Sub-total: **-\$945.09**

Sales Tax: **\$0.00**

Shipped Via Fedex Freight: **\$0.00**

Invoice Total: **-\$945.09**

Paid To Date: **\$0.00**

Balance Due: *CL* **-\$945.09**